



Stainless Steel or Aluminium

IP.66 | Valve Position Monitor



Ex ia intrinsically safe

Type SRX CF8M (316) stainless steel ATEX or IECEx Certified Ex ia valve position monitor provides a high integrity system ideally suited for zones 0, 1 & 2 hazardous area locations typically found in the offshore, marine and coastal process industries. The IP66 enclosure has a bolt-on cover and top mounted high visibility open / close position indicator.



IP.66 CF8M (316) stainless steel enclosure for superior corrosion protection and protection of internal electrical components from the harshest environments.

ATEX or IECEx Certified II 2 G / Ex ia IIC T6 intrinsically safe for zones 0, 1 & 2 hazardous areas.

Available with 2 x M20 conduit entries as standard (? NPT versions are optional).

Switch / sensor terminations via. European approved terminal blocks.

Different electrical switch / sensor functions available including mechanical, reed proximity and inductive proximity.

Continuous feedback versions available with 4 to 20mA non-contact and programmable HART transmitters.

Touch and tune quick setting cams allow for fast and simple switch / sensor adjustments.

Compact design with bolt-on cover and top mounted high visibility open / close position indicator.

As standard, supplied with F05 mounting holes & Namur drive shaft to suit VDI/VDE.3845 topworks actuators (bracket required).

Special mounting kits available to suit non-standard topworks quarter-turn and linear stroke actuators.



Ex marking:

II 2 G

Ex ia IIC T4/5/6 Gb

T<sub>amb</sub> = -50°C to +100°C

Notes:

The temperature class and ambient temperature range depends on the electrical function and construction of the system, please refer to hazardous area certificate documentation.

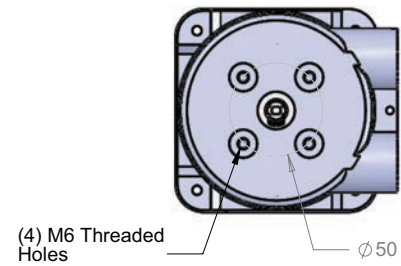
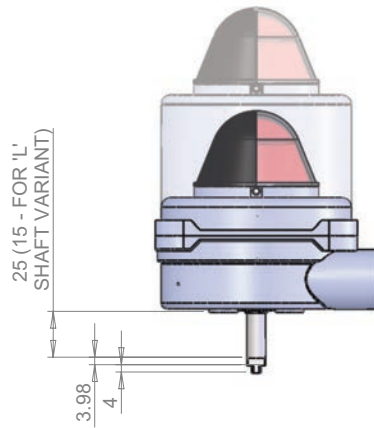
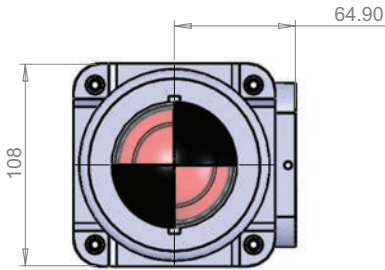
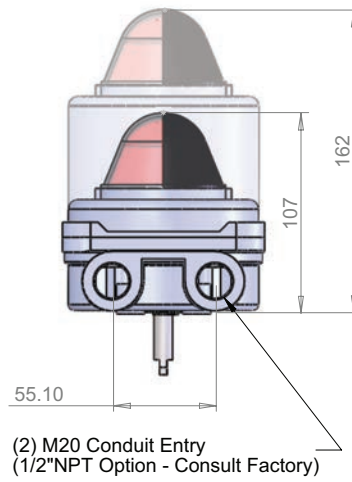
Certificate Number:

Sira 09ATEX2162X

IECEx SIR 09.0066X

TR CU RU C-GB-MI-O62.B.00729





Imtex Controls Limited is constantly improving the specifications, design and production of its products and alterations take place continually. Whilst every effort is made to produce up to date literature this leaflet should not be regarded as an inflexible guide to current specifications. E & OE.

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[www.imtex-controls.com/srx](http://www.imtex-controls.com/srx)

**Model Number Compilation** (Drawing No. A190186 – IECEx / A190193 - ATEX)

Type	Electrical Function	Material of Construction	Conduit Size	Output Drive	Visual Indicator	-	Feature
<b>SRX</b>	<b>42</b>	<b>S</b>	<b>5</b>	<b>M</b>	<b>R</b>	<b>-</b>	<b>W00</b>

Code	Electrical Function - Standard Options <sup>1</sup>
<b>17 / 56</b>	(2) / (3 to 6) SPDT Mechanical Switches 'GP' Contacts
<b>40 / 59</b>	(2) / (3 to 6) SPST or SPDT Reed Proximity Switches
<b>42 / 52</b>	(2) / (3 to 6) V3 Inductive Proximity Sensors
<b>43 / 53</b>	(2) / (3 to 6) Other Inductive Proximity Sensors
<b>70</b>	4 to 20mA Transmitter (Non-contact) / HART Optional
Material of Construction (Enclosure)	
<b>S</b>	CF8M (316) Stainless Steel
<b>9</b>	Aluminium (Anodised) Coated
Conduit Size	
<b>5</b>	(2) M20 x 1.5
<b>B</b>	(2) NPT – 2 x 1/2"
Output Drive	
<b>L</b>	Namur 15mm
<b>M</b>	Namur 25mm
<b>S</b>	2-pin Coupler
Visual Indicator*	
<b>R</b>	Red (Closed) / Green (Open)
<b>C</b>	0 to 100% Graduated
<b>0</b>	No Visual Indicator

\*ABS material

Code	Feature
<b>Cxx</b>	IECEx-Certified Transmitter w/Type 3 Proximity (optional)
<b>Dxx</b>	IECEx-Type 3 Proximity Sensor
<b>Exx</b>	ATEX-Non-contact Transmitter w/Type 2 Low Temp Proximity (optional)
<b>Fxx</b>	ATEX-Resistive Transmitter w/Type 2 Low Temp Proximity (optional)
<b>Gxx</b>	ATEX-Non-contact Transmitter w/Volt Free Switches (optional)
<b>Hxx</b>	ATEX-Non-contact Transmitter w/Type 2 Proximity (optional)
<b>Jxx</b>	ATEX-Resistive Transmitter w/Volt Free Switches (optional)
<b>Kxx</b>	IECEx-Certified Transmitter w/Volt Free Switches (optional)
<b>Lxx</b>	IECEx-Certified Transmitter w/Type 1 Proximity (optional)
<b>Mxx</b>	IECEx-Type 1 Low Temp Proximity Sensor
<b>Nxx</b>	IECEx-Type 2 Low Temp Proximity Sensor
<b>Pxx</b>	IECEx-Certified Transmitter w/Type 2 Proximity (optional)
<b>Rxx</b>	IECEx-Type 1 Proximity Sensor
<b>Sxx</b>	IECEx-Volt Free Switches
<b>Txx</b>	ATEX-Type 1 Low Temp Proximity Sensor
<b>Uxx</b>	ATEX-Type 2 Low Temp Proximity Sensor
<b>Vxx</b>	ATEX-Resistive Transmitter w/Type 2 Proximity (optional)
<b>Wxx</b>	ATEX-Type 2 Proximity Sensor
<b>Yxx</b>	ATEX-Type 1 Proximity Sensor
<b>Zxx</b>	ATEX-Volt Free Switches
<b>'xx'</b>	See Note <sup>2</sup>

**NOTES**

- Other Electrical Functions are available 'On Request'.
- The exact detail of electrical function fitted or any other special feature is not fully specified by the basic model code, therefore, the Feature Designator provides a mechanism for cross referencing to a centralised engineering log which identifies the detailed specification of the parts fitted in the given unit.
- Please refer to our Product Overview leaflet for full specification of the Electrical Functions provided or consult our Technical Sales.
- Functions 17, 40, 42 & 43 (cylindrical sensors up to 36mm long only) use a small cover, other functions use a tall cover.



**IMTEX Valve Communication**

Tel +44 (0)8700 340 002 / +44 (0)1732 850 360 Fax +44 (0)1732 852 133 Email [sales@imtex-controls.com](mailto:sales@imtex-controls.com)

Sales & Administration Tonbridge (Kent) UK Engineering & Production Deeside (Flintshire) UK

[www.imtex-controls.com](http://www.imtex-controls.com)

IVC/03SRX/0515